



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/911,916	07/24/2001	Fabio Casati	10008278-1	4217

7590 05/18/2005  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

WOOD, WILLIAM H

ART UNIT PAPER NUMBER

2193

DATE MAILED: 05/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/911,916

Applicant(s)

CASATI ET AL.

Examiner

William H. Wood

Art Unit

2193

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 January 2005.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-12 and 14-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 and 14-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

Claims 1-12 and 14-31 are pending and have been examined.

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-12 and 14-31 are rejected under 35 U.S.C. 102(b) as being anticipated by **Casati** et al., “eFlow: a Platform for Developing and Managing Composite e-Services”.

#### *Claim 1*

**Casati** disclosed an electronic metaservice methodology comprising:

- ♦ receiving a process definition (*page 341, section 1*);
- ♦ transforming the process definition into a composite process specification having a plurality of electronic services (*page 345-347, section 5*); and
- ♦ registering the composite process specification with at least one electronic service (*page 347, left column, first paragraph*).

Art Unit: 2193

Claim 2

**Casati** disclosed the methodology as set forth in claim 1, said transforming further comprising:

- ♦ determining which elements of the composite process constitute specific electronic services and said designating said as linked service nodes of a continuous flow defining said composite process (*page 344-347, sections 4 and 5*).

Claim 3

**Casati** disclosed the methodology as set forth in claim 2 wherein said designating comprises:

- ♦ configuring each of the said service nodes with service invocation setup requirements for an associated one of said electronic services (*page 344-345, section 4*).

Claim 4

**Casati** disclosed the methodology as set forth in claim 3 wherein said configuring further comprises:

- ♦ associating each of said service nodes with a sequential set of method nodes, wherein each said set of method nodes includes invocations of inherent operations associated with said associated one of said electronic services (*page 344-347, sections 4 and 5*).

Claim 5

**Casati** disclosed the methodology as set forth in claim 1 wherein said registering further comprises:

- ♦ establishing a repository of defined composite electronic services (*page 341, section 1; page 345-347, section 5; existing e-services*).

**Casati** disclosed the methodology as set forth in claim 5 wherein said transforming further comprises:

- ♦ using said defined composite electronic services in said repository for configuring other composite electronic services (*page 341, section 1; page 343, first paragraph under section 3*).

Claim 7

**Casati** disclosed the methodology as set forth in claim 1 wherein said receiving further comprises:

- ♦ receiving said process definition as a process flow language for composing e-services (*page 344-345, section 4, note parameters and language examples; page 345-347, section 5*).

Claim 8

**Casati** disclosed the methodology as set forth in claim 1 further comprises:

Art Unit: 2193

- ♦ providing ancillary functions selected from a group including: changing the process, managing individual electronic service definitions, monitoring run-time executions, and obtaining analytical-statistical reports regarding said process (*page 341, Abstract and section 1; page 345, left column, first full paragraph*).

Claim 9

**Casati** disclosed the methodology as set forth in claim 2 further comprises:

- ♦ allowing service providers to invoke said composite process as an individual electronic service via said existing electronic service (*page 341, Abstract; page 344-347, sections 4 and 5*).

Claim 10

**Casati** disclosed the methodology as set forth in claim 1 in an internet environment (*page 341, Abstract and section 1*).

Claim 11

**Casati** disclosed the methodology as set forth in claim 1 wherein said at least one electronic service is an electronic services platform (*page 341, Abstract and section 1*).

Art Unit: 2193

Claim 12

**Casati** disclosed the methodology as set forth in claim 1 wherein said at least one electronic service is an electronic service directory (*page 344, section 4.1, second paragraph, "custoMove"*).

Claims 13-22

The limitations of claims 13-22 are substantially the same as the limitations for claims 1-12 and as such are rejected in the same manner as claims 1-12. Electronic service business is disclosed as well on page 344, section 4, first paragraph.

Claim 24

**Casati** disclosed the system as set forth in claim 23 further comprising:

- ♦ means for defining said specification (*pages 343-347, sections 3-5*).

Claim 25

**Casati** disclosed the system as set forth in claim 23 further comprising:

- ♦ means for forming a repository of a plurality of electronic services of a type of said first electronic service (*page 345-347, section 5; note repositories and abstracts*).

Claim 26

**Casati** disclosed the system as set forth in claim 23 further comprising:

- ♦ means for providing a work flow representative of said first composite electronic service such that said work flow is compatible with said electronic services platform structure (*page 344-347, sections 4 and 5*).

Claim 27

**Casati** disclosed the system as set forth in claim 26 further comprising:

- ♦ means for providing an interaction gateway between said means for providing a work flow and said electronic services platform (*page 341, Abstract; page 344-347, sections 4 and 5; note for example specified configuration parameters, templates and dynamic process evolution*).

Claim 28

**Casati** disclosed the system as set forth in claim 23 further comprising:

- ♦ means for monitoring said first electronic service (*page 341, Abstract*).

**Casati** disclosed the system as set forth in claim 23 further comprising:

- ♦ means for maintaining said first electronic service (*page 341, Abstract; page 344, section 4, first two paragraphs*).

Claim 30

**Casati** disclosed the system as set forth in claim 29 further comprising:



- ♦ means for updating said first electronic service after registration with said electronic services platform (*page 344-345, section 4*).

**Claim 31**

**Casati** disclosed the system as set forth in claim 29 further comprising:

- ♦ means for deleting said first electronic service from registration with said electronic services platform (*page 345, left column, first full paragraph*).

***Response to Arguments***

3. Applicant's arguments filed 10 January 2005 have been fully considered but they are not persuasive. Applicant argued: <sup>1)</sup> **Casati** does not teach transforming the process definition into a composite process specification that is to be executed by an electronic service; <sup>2)</sup> **Casati** does not teach registering the composite process specification and <sup>3)</sup> **Casati** does not teach a service to be compatible with a given electronic services platform. The arguments set forth are respectfully found unpersuasive.

First, **Casati** must transform the composite processes developed in section 5 on pages 345-347 in to something used by the electronic service. Otherwise it would not be executable.

Second, **Casati** does perform registering as indicated by the processes in the repository (page 347, as indicated originally).

Art Unit: 2193

Third, it is again noted that the services are compatible with the electronic services platform, as this is a necessity for deployment and execution (note page 341, right column, first full paragraph).

Thus, having addressed Applicant's concerns, the rejections are maintained.

### ***Conclusion***

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

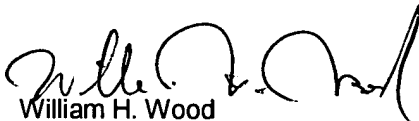
### ***Correspondence Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William H. Wood whose telephone number is (571)-272-3736. The examiner can normally be reached 9:00am - 5:30pm Monday thru Friday.


Art Unit: 2193

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571)-272-3719. The fax phone numbers for the organization where this application or proceeding is assigned are (703)872-9306 for regular communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.



William H. Wood  
May 5, 2005



TODD INGERBERG  
PRIMARY EXAMINER